

WE CLAIM:

1. A method for generating software for an open drive regulator, comprising selecting function objects; separately coupling each of the function objects; and generating the software for the open drive regulator from the compiled function objects.

2. The method according to claim 1, wherein function objects are produced, or existing function objects in a basic system are modified on a customer-specific basis.

3. The method according to claim 1, wherein the function objects are included in the program sequence either statically in the course of overall generation, or dynamically in the course of reloading.

4. The method according to claim 1, wherein a configuration view is permanently allocated to the function objects using the system infrastructure.

5. The method according to claim 1, wherein a diagnosis view is permanently allocated to the function objects using the system infrastructure.

6. The method according to claim 1, wherein the function objects are selected by means of a system object.

7. The method according to claim 1, wherein the compiled function objects are preprocessed and stored as library routines.

8. The method according to claim 1, wherein the software has a system configuration which is stored, and only one change relating to the relevant function object can be carried out when a function object is added or removed.

9. The method according to claim 1, wherein data required for software generation are made available via an interface for connection to a data bus or a smart card.

10. A computer program in a computer-legible medium, comprising computer-legible program means for performing the method according to claim 1, and wherein the program is run by an open drive regulator having control electronics.

11. An open drive regulator having control electronics which contain means for running a software product produced in accordance with the method according to claim 1.